

APR 07 2004  
OFFICIAL

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**In re Application of:  
Wellinghoff**

**Serial No.: 10/057,506**

**Filed: January 23, 2002**

**For: Novel Methods and Blends for  
Controlling Rheology and Transition  
Temperature of Liquid Crystals**

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**Group Art Unit: 1756**

**Examiner: Jennifer R. Sadula**

**Atty. Docket: SwRI-2835-03**

**Amendment and Response to First Office Action**

Commissioner for Patents  
P. O. Box 1450  
Alexandria VA 22313-1450

This paper is filed in response to the office action mailed January 12, 2004.

**Amendments to the Abstract** appear at page 2 of this paper.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 3 of this paper.

**Remarks/Arguments** begin on page 16 of this paper.